

ABSTRACT

Laser scanning apparatus, methods, and article of manufacture are described. In one embodiment, a laser scanning apparatus includes a light source configured to emit a light beam in a single direction, a scanning device optically coupled with the light source and configured to scan the light beam along a photoconductor in a plurality of scan lines. The laser scanning apparatus also includes a start-of-scan detector assembly configured to sample the light beam and initiate a start-of-scan operation of one of the scan lines of information to be written on the photoconductor, and wherein the sampled light beam is used to control a drive level of the light source.